

ARIZONA SILVER BELT.

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LIVELY TIMES IN SOUTHWEST

**Phelps-Dodge Developments
Have Caused a Boom
in El Paso**

THE DAWSON COAL FIELDS

**To Be Developed Rapidly and 300
New Coke Ovens Will Be Built at
Once—One Hundred Miles of New
Railroad to Be Constructed**

The editor of the SILVER BELT last week made a flying trip to El Paso, Douglas and Bisbee, partly on business and incidentally to inform himself of the progress making in those cities, which together with Globe, Clifton and Morenci comprise what may aptly be called the bonanza circle of industrial cities and mining camps.

Although this is regarded as the dull season in El Paso, we found much business activity and an air of general prosperity and promise of future growth in the Pass city. Building is active and very many slightly and modern residences are being erected.

The vast interests of Phelps, Dodge & Co., centering in El Paso, insure a further substantial growth of the city. Their purchase of the Dawson coal mines and El Paso & Northeastern railroad was the determining factor in locating the railroad shops and general offices of the Phelps-Dodge railroad system in El Paso, which will require an expenditure for buildings and equipment of probably three quarters of a million dollars.

Finest in El Paso

Work on an office building to cost \$250,000, and to be the finest business structure in El Paso, will be begun at an early date.

A great scheme of development of the Dawson coal mines and the erection of 300 additional coke ovens is being planned, and an extension of the Northeastern railroad, 100 miles in length, is to be constructed, which will obviate the use of any part of the Rock Island tracks in reaching the coal fields.

From El Paso to Douglas we went over the El Paso & Southwestern on the "Owl" train which leaves El Paso at 7 o'clock p. m., and arrives at Douglas at 7 o'clock the following morning. It is a mixed train with Pullman sleeper attached, and moves at so moderate a speed that there is very little vibration to disturb passengers on the Pullman who are enabled to secure a refreshing sleep. The day train of vestibuled coaches, which is one of the finest trains run on any of the railroads in the southwest, makes fast time between El Paso and Benson.

Douglas Humming

Douglas is well named the Wonder City of the Southwest. It is a flourishing city of 8000 population, supported by the copper smelting industry and the Phelps-Dodge railroads—El Paso & Southwestern and the line running down to Nacozari, Sonora, where Phelps, Dodge & Co. operate important copper mines.

The Douglas smelter is second only in size to the Washoe smelter of the Anaconda Copper company at Anaconda, Montana. The monthly output of copper from the Douglas smelter is between 7,000,000 and 8,000,000 pounds, and when the additional furnaces now in course of construction are completed it will be the largest copper smelter in the world.

The Douglas smelter is fed with ore from the Copper Queen Consolidated mines at Bisbee and concentrates from the Moctezuma mines at Nacozari. The United Globe mines, located here, also make large shipments of ore to the Douglas smelter and the product of the Imperial Copper company's mines is also treated there.

The Calumet & Arizona Mining company, of Bisbee, also has its smelter at Douglas. Its monthly production is about 2,600,000 pounds of copper which will be greatly increased within two months by the erection of two additional furnaces.

Remarkable Growth

The growth of Douglas has been remarkable. Five years ago the site of this modern city was a dreary waste of sand, partly covered by a growth of mesquite and catclaw brush. The buildings are mostly of a substantial character and pleasing architecture, and streets wide and level as a floor. The city was recently incorporated and is well governed. The border ruffian has been suppressed and law and order prevail.

Douglas has two enterprising daily newspapers, the International-American, published by the veteran newspaper man, Geo. H. Kelly and Mr. Bull, of the Consolidated Printing and Publishing company, and the Daily Dispatch, Franklin B. Dorr, editor and manager. Both papers are doing splendid work for Douglas and are well supported.

At Douglas we met F. O. Elvey and family, Harvey Dunham, Jack Sparks and Frank Bauer, all of whom formerly lived in Globe, and who appear to be prospering in the Alladin city of the southwest. Frank Elvey is operating a string of automobiles which are kept continually on the go between the city and the smelters and Agua Prieta, the Mexican settlement across the border. The pleasure of our brief stay in Dou-

glas was largely due to Frank's generous hospitality.

A volume might be written about Douglas, its business enterprises and progressive people, but the printer has called for "30" and we will have to comply, and reserve for a future issue reference to the greatest mining camp in the southwest—Bisbee.

He Invoked the Law

The sheriff's office is often called upon to do stunts not at all in their line, but the limit was reached a few days ago. A man entered the office and wanted Ed. Shanley or one of his deputies to compel a Chinaman to deliver his "washee" to his residence forthwith. He said the money awaited the Celestial at his house, but the obstinate Chin refused to send the clothes unless the money was advanced. If this thing keeps up new deputies will be needed and a Japanese and Chinese interpreter be tacked on the official list.

MINERS UNION CONCERT

**Splendid Entertainment to Be Given
August 14**

A grand concert will be given under the auspices of Globe Miners' Union No. 60 at Odd Fellows hall, Monday evening, August 14, at 8 o'clock. Local talent of the union will be assisted by the Globe Concert Band who are practicing new selections for the occasion. The mandolin club will contribute some of their choicest offerings and the city's best talent, vocalists and instrumentalists, will round out a long program of entertaining features rarely equalled here. The Miners Union entertainments are worthy of hearty support, for its members never hesitate to help out with their best to assist in promoting any deserving object.

THE OLD DOMINION CONCENTRATOR

**A Triumph of Mechanical Ingenuity—Moved Like Clockwork
From the Hour that Power was Applied—Great
Economy of Operation Has Been Attained**

The concentrator at the Old Dominion is of the progressive crushing type. On account of cheapening construction and economy in operation, the first operations begin in the crushing plant at the new shaft where the concentrating ore from the mine is brought into two of the six steel bins. The ore is drawn from these bins onto a belt and from thence passes automatically through the coarse crushers over a picking belt, from which the first-class ore can be sorted, and through a fine crusher and a set of rolls and from thence it drops to another belt where it is carried to the two concentrator storage bins, each holding 210 tons of ore, and there stored. The ore is drawn mechanically from either of these two storage bins by automatic feeders which feed onto another belt regularly, and at any given rate that the mill may demand. The latter belt conveyor takes the ore up a steep incline to the top of the mill and there discharges it into a mixing box where the ore is mixed with water and from thence passes into revolving screens. The ore is classified into various

sizes in the revolving screens and in classifiers below them and is distributed according to its size to the various machines on the roughing floor.

The two coarsest sizes, viz., the sizes rejected by the five-eighths inch and three-eighths inch screens, respectively, drop into two bull jigs and after the very coarse metal is extracted, the tailings pass automatically to the finishing rolls and are again elevated until they pass through the three-eighths inch screen. All sizes of material from the three-eighths inch size down, excepting the finest slimes, are assorted into sizes and passed to the main roughing floor of the mill where they are concentrated in seven jigs and the six Wilfley tables. The concentrates from this main roughing floor discharge automatically and unite with the concentrates from the bull jigs and pass to the storage bins for concentrates. The tailings rejected by the machines on the roughing floor are collected and crushed finer, if necessary, in two six-foot Chilean mills. The reground tailings are then classified and are passed to the machines on the finishing floor for final treatment. Automatic devices are

used to dewater the coarse tailings and to thicken the slime pulps before they pass to the finishing floor and the water thus obtained is returned for use in the mill. The finishing floor is equipped with nine Wilfley tables for the coarser sands and eighteen Frue vanners for the finer sands and slimes. All concentrates from this floor pass by gravity to an elevator and are elevated and thrown into the stream of concentrates from the upper floors and pass to the storage bins from which they will be drawn into railway cars and taken to the smelter. From this description of the process it will be seen that from the time the ore is thrown onto the upper belt until the time that the tailings are turned out of the mill and the concentrates delivered into the storage bins, everything is automatic and there is no shoveling or wheeling of any kind. The mill building is of steel with steel shaft supports and steel supports for the revolving screens. The foundations are of massive concrete and all heavy machines are set close to the ground upon strongest foundations. The floors are built with the tremendous strength essential to a mill that will do close and economical work.

The mill is designed to have a capacity of 300 tons per day as it stands and by simply increasing the size of the finishing floor 50 per cent, it will easily treat 450 tons daily. Feed was turned on the mill on the afternoon of July 30 and it ran steadily until the end of the shift. There was no time to regulate the flow of water and it has taken a few days to get the mill started to work regularly and have it thoroughly tuned up so that the management knows it is making a good saving; but it may be said that the starting was completely successful and most satisfactory, and it is now demonstrated that the mill will do its work without any question and there will be none of the vexatious delays that frequently occur in starting even the best of concentrators. Everything is now thoroughly adjusted and the mill ready for steady work.

THEIR ALIBI PROVED SOUND

**Suspected Mexicans Released
Tuesday on Receipt of
Letter From Mesa**

NO FURTHER CLUES FOUND

**It is Now Feared that the Murderers of
Plunkett and Kennedy Are Across
the Mexican Frontier—Rewards Are
Heavily Increased**

Another week has passed and only disappointment has come to those who have so laboriously followed the trails of suspects in connection with the heinous crime of July 12. The two Mexicans brought here from Tucson were released from custody on Tuesday morning after a hearing before Justice Thomas at the request of the district attorney.

SILVER BELT readers will remember that a letter was sent to the Maricopa & Phoenix officials at Mesa, giving the story the men told as to their being at work there when the murders were committed. The railway people replied that two men, answering the description of those under arrest and going by the numbers they gave had been at work at the times stated by them in Mesa on railroad work.

There being no evidence at hand to connect them with the case they could not be longer detained in custody. They wanted a written document from the sheriff stating that they were not the men, to protect them if again suspected, but they were told to have officers who sought to detain them telegraph or telephone to Globe and they would be protected by the officials from here.

Rewards Increased

At the request of Sheriff Shanley Governor Kibbey has issued a proclamation offering a reward by the territorial government of \$500 for the arrest and conviction of the guilty parties. This makes a total of \$1050 now hung up as an incentive to renewed efforts on the part of the peace officers of the territory and copies of the proclamation will be spread broadcast in Mexico in the hope that in some manner the fugitives may be apprehended. There is vital necessity in this course. The number of "bad men" has increased rapidly in Gila county and costs are piling up for their care and detention at an astounding rate.

Fifty-six prisoners at one time in the local jail and fresh relays of ten to twenty a day coming and going has precipitated the awakening of both people and authorities. Many petty offenders have been railroaded out of the district and from this time forth offenders against the laws, vagrants and bad men generally, will have theirs in aliphatic doses. The country is filling up with an undesirable class of tough foreigners brought here to work on the Roosevelt dam or attracted by tales of prosperous times in surrounding camps. They work until they get a little money and then go on sprees until that is gone. They do not intend to work if they can help it and crime comes easier to them. They will find that the officers are on the alert and if they expect to have their own way will soon learn that the law is nowhere better respected than in Gila county.

MAN FOUND DEAD—Dr. A. F. Maisch has received a report from J. C. Evans, justice of the peace at Roosevelt, of the finding of a man's body near that place on July 25. The inquest developed the fact that deceased's name was Louis P. Cantin, about 40 years of age. He was a Canadian by birth and was a transient. Death was ascribed to natural causes.

WAS A CLUMSY FORGERY

**Mexican Tries to Cash Pay Check of
Another Man**

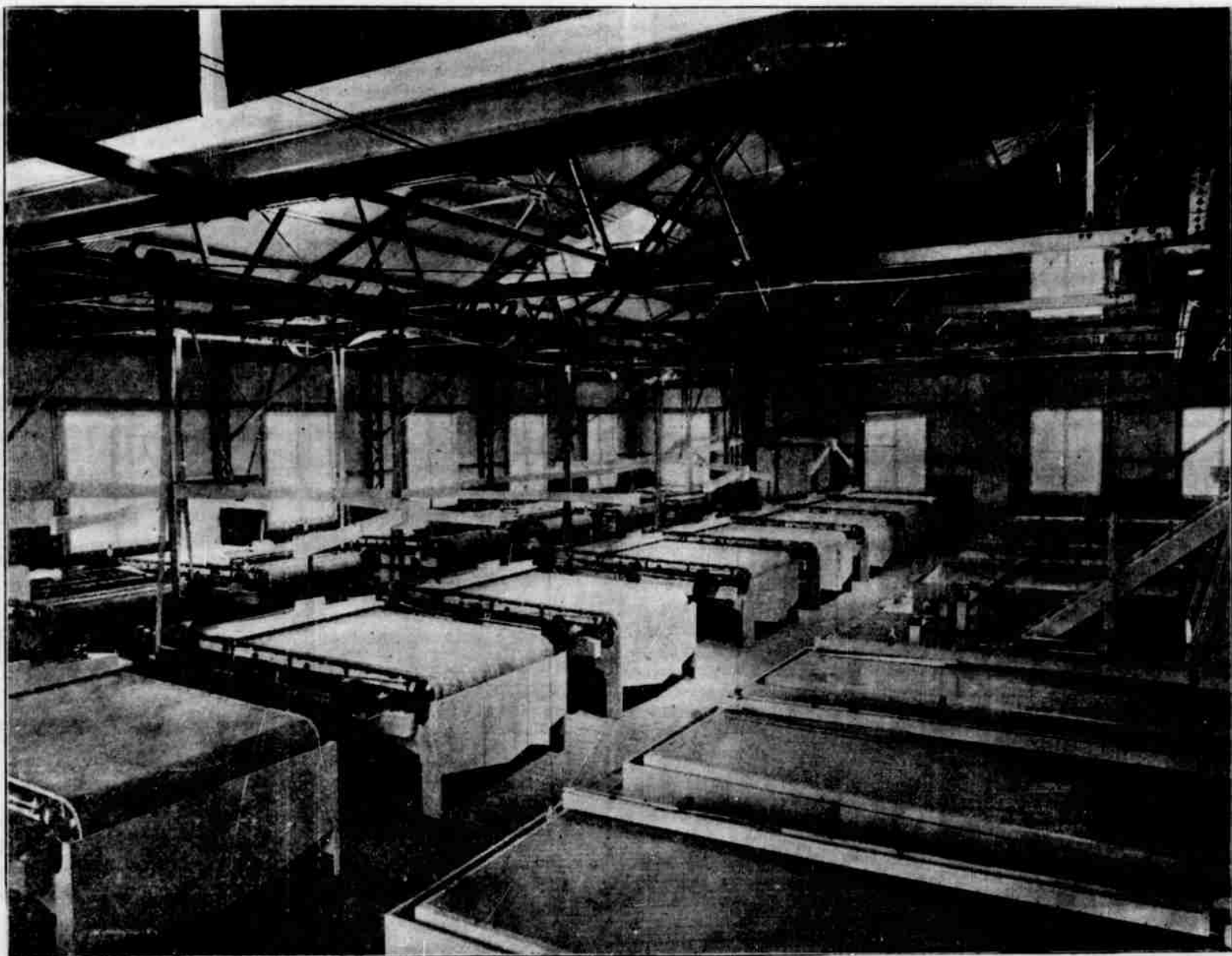
A man by the name of H. Cunningham, who worked at Roosevelt on April 22 and 23 on the government reservoir, received a U. S. treasury certificate on the interior department for \$4.50. On his way to Globe he lost the check and retraced his steps. On the way back he met a Mexican by the name of Reinaldo Brazzo and inquired if the latter had found the paper. He denied having seen it, but a short time later presented it at Thompson's store at the Summit and wanted it cashed.

Thompson told him that it did not belong to him—that he was not Cunningham—and refused to take it. A little later Brazzo again tried to get somebody else to cash the check when Thompson was not at home, but again met with a refusal. He was then watched and when, on July 29, he again presented it with a request to cash it, the officers were informed. This time the check bore an indorsement "Cunningham" which showed that some man ignorant of the English language had endeavored to write Cunningham and made a botch of it.

Deputy Will Shanley obtained a facsimile of Cunningham's signature and the forged check, genuine signature and all the evidence are in possession of the court. Brazzo is now in jail here and will be up for a hearing on August 7, at 10 a. m.

Had Stroke of Paralysis

Information received here today says A. M. Beal had a second stroke of paralysis at Avalon last week. His wife had him removed to Los Angeles where he is improving under treatment at one of the hospitals.



Interior View of the Finishing Chamber

He Tempted Providence

People who complain of the dangerous crossing where Broadstreet, north, and the railroad intersects—and it is dangerous to the careless—should read this little story carefully. Yesterday afternoon a freighter, driving a six-horse team, deliberately set his brakes when the leaders had crossed the track, leaving one pair directly on the rails and the wagon on the south side, and went into a nearby saloon for a drink. A gentleman driving by called his attention to the risk he was running, but he did not deign to reply. If such an accident as occurred last week had been repeated, some of the train employees might have been killed, as well as two or more horses—but the man would have had his drink.

A TRIFLING COMPLICATION

**Jap Who Was Shot Cannot Be Found
To Prosecute**

The brother of S. Shikata, the Jap who shot his employer at the Yokohama restaurant a few days ago appeared on the scene this week in time to be at the preliminary hearing on August 1. Strangely enough the man who received Shikata's bullet in his arm was not seen when called for by the prosecution. Tanimura might be in Tokyo as far as the Globe court is concerned and it is singular that his absence tallies closely with the arrival of the shooter's brother.

By agreement of counsel the hearing was postponed to August 8, at 10 a. m., by which time Tanimura will be rediscovered—or further away—and the prosecution will be forced to rely on evidence of witnesses other than the whilom proprietor of the restaurant.

A PREMATURE BLAST KILLED AL MARSHALL

**Was Spitting Fuse in Rock Quarry
Near Gilson's Station on
Tuesday Morning**

A special train, a locomotive and caboose brought the mangled body of Al Marshall from Gilson's station about 9:30 o'clock Tuesday morning. He was engaged in spitting fuse for a battery of blasts about to be discharged and whether he miscalculated the time or was slow in getting away is not known but a premature blast drove a rock into his left lung, breaking the ribs and driving the fragments into his heart. He never regained consciousness and Dr. Wightman saw it would be impossible to do anything for him. His death occurred about noon.

A corner's jury was empanelled on Wednesday morning composed of Wm. Sidow, Jake Sollers, H. H. Bru, J. K. Simons, D. N. Wyant and J. A. Tucker.

Dr. L. E. Wightman, J. Brownlee, T. H. Roberts, E. A. Fletcher and T. C. Lowry were witnesses examined, but they could shed no light on the actual occurrence other than the facts stated above. They brought in a verdict in accordance and certified that no blame attached to anyone.

Al Marshall, as he was known to his intimates was an American about 50 years old who had been here since January last. He was a member of the Western Federation of Miners and was buried under the auspices of Globe Miner's Union No 60 at 1 P. M. today, from the undertaking parlors of F. L. Jones. Nothing is yet known as to his antecedents or whether he has a family or not.

THIS HOMBRE WILL BE QUARANTINED VERY SOON

**Will Be Kept in Jail Until His Broken
Arm is Mended And
Then—Vamos!**

M. Moreno, as he calls himself in Globe has had a varied experience since landing here. A few nights ago he got unusually drunk and broke his arm. He says he did it by falling off a chair while drunk, but others entertain a different opinion. He was brought to the county hospital when Dr. Maisch found that he had suffered a peculiar and very dangerous fracture of the right elbow. His injuries, were dressed and he appeared very grateful for attentions received but in the early morning he vanished without asking anybody's permission.

He did not come back to have his arm dressed but was found later among the saloons north of the creek where he was attempting a self-cure by imbibing Dago red liniment internally. He claimed that he had friends who would care for him and he could get luxuries—or liquidiies—that the hospital does not furnish.

He finally landed before Justice Thomas who had meantime learned a great deal about Moreno that does not look well in print. His former wife who was obliged to leave him years ago resides with her brother here and the discarded one has been following her from place to place ever since she left him and making threats against her peace.

He is said to be deft with the elusive shell and little pea and his chief labors have been along the line of separating less dexterous Mexicans from their spare cash. He will be kept in jail until his arm is better and then there will be a health quarantine established against him in this district.

Injured by Cave-in

J. H. Wicks, a miner in the employ of the Old Dominion company, was seriously injured on Monday by a cave-in at the stope where he was working. He was brought to his home on Mesquite street and Dr. Sturgeon promptly relieved his sufferings. Two ribs were broken on the right side and the inner bone of his left ankle was also fractured. His face and body were badly bruised by fragments of rock and his general condition quite serious. It is expected that he will be about on crutches within a very few days, as he is improving rapidly. His ankle will require a plaster cast and it will be some weeks before he will be able to resume work.

THE TALE OF TWO DOGS

**If He Had Known It Was the Sheriff,
Well—Otherwise**

G. R. Hutchinson told Justice Thomas this morning that he only had four drinks yesterday and it had completely knocked out his reasoning powers. That is why he encouraged a scrap between his highly valued dog and a common canine habitue of Broad street Wednesday afternoon.

Sheriff Shanley tried to part the dogs like a good citizen and conscientious officer, when Hutchinson tried to land an uppercut on the official jaw. The first time the dog's owner got on his feet he had not recovered his intellectual balance and the second time he got up he still lacked judgement. He contested every foot of the way to the bastille, but weakened very materially when behind the grating. As it was his first offense here, Judge Thomas let him off with a light fine, but it added a whole lot to the price of four drinks.